Index of Claims

| Application | /Control No. |
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10/602,326

Examiner

PU ET AL.

Reexamination

Applicant(s)/Patent under

**Art Unit** 

TAN Q. NGUYEN

3661

Rejected **Allowed** 

(Through numeral) Cancelled

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Restricted

Non-Elected N 1 Interference

**Appeal** Α 0 Objected

|           |          |            |          |                |              |              |                |              |               |            | <u> </u>                                       |          |          |          |          |          |          |          |          |          |          |     |       |            |                 |
|-----------|----------|------------|----------|----------------|--------------|--------------|----------------|--------------|---------------|------------|--|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----|-------|------------|-----------------|
| CI        | aim      |            |          |                | ı            | Date         | е              |              |               |            | С  | laim     |          |          |          | D        | ate      |          |          |          |          | [   | Cla   | aim        |                 |
| Final     | Original | 8/19/05    |          |                |              |              |                |              |               |            | Final  | Original |          |          |          |          |          |          |          |          |          |     | Final | Original   |                 |
| 1         | 1        | =          |          |                | Г            | T            |                | П            |               | П          |  | 51       |          |          |          |          |          |          |          |          |          | [   |       | 101        |                 |
| 2         | 2        | =          |          |                |              |              |                |              |               |            |  | 52       |          |          |          |          |          | $\Box$   | $\Box$   |          |          |     |       | 102        |                 |
| 9         | 3        | =          |          |                |              |              |                |              |               |            |  | 53       |          |          |          | $\Box$   | $\perp$  | $\perp$  |          | _        |          | ļ   |       | 103        | $\sqcup$        |
| 10        | 4        | =          |          |                |              | _            |                |              |               | Ш          |  | 54       | Ш        | _        | _        | _        | $\dashv$ | $\dashv$ |          | _        |          |     |       | 104        | $\sqcup$        |
| 11        | 5        | =          |          |                | L            | $oxed{oxed}$ |                |              |               | Ш          |  | 55       | Ш        | $\dashv$ | _        | _        | _        | _        | _        | _        |          | -   |       | 105        | $\vdash$        |
| 12        | 6        | <u>  =</u> | _        |                |              | _            | _              | _            |               | Щ          |  | 56       | Ш        | _        | -        | $\dashv$ | _        | _        | _        | -        |          | ŀ   |       | 106        | -               |
| 13        | 7        | =          | ļ        | L              | _            | <u> </u>     | _              |              |               | Щ          | ļ  | 57       | Н        | -        | $\dashv$ | $\dashv$ |          | $\dashv$ |          | -        |          | ŀ   |       | 107        | $\vdash$        |
| 14        | 8        | 트          | _        | <u> </u>       | <u> </u>     | _            | -              | H            |               | Н          |  | 58       | Н        | $\dashv$ | -        | -        | $\dashv$ | -        | -        | _        | $\dashv$ | - } |       | 108<br>109 | -               |
| 15        | 9        | =          | _        | ├              | <del> </del> | <u> </u>     | -              | -            |               | $\vdash$   | -  | 59<br>60 | Н        | -        | $\dashv$ | -        | -        | -        | $\dashv$ |          |          | ŀ   |       | 110        | $\vdash$        |
| <u>16</u> | 10       | =          | -        |                | -            |              |                | -            | -             | Н          |  | 61       | $\vdash$ | -        | $\dashv$ | ŀ   |       | 111        | $\vdash$        |
| 4         | 12       | Ē          | $\vdash$ | -              |              | ⊢            |                |              | _             | Н          |  | 62       | $\vdash$ | $\dashv$ | $\dashv$ | ┪        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | ŀ   |       | 112        |                 |
| 5         | 13       | =          | $\vdash$ | $\vdash$       | <del> </del> | $\vdash$     | $\vdash$       | $\vdash$     |               | Н          |  | 63       | $\vdash$ | $\dashv$ | $\dashv$ | -        | -        | _        | $\dashv$ | $\neg$   | $\dashv$ |     |       | 113        | $\vdash$        |
| 6         | 14       | ╘          | $\vdash$ | ┝              | $\vdash$     | $\vdash$     | $\vdash$       |              | _             | Н          |  | 64       | H        | $\dashv$ | -        | $\dashv$ | $\dashv$ | _        | $\dashv$ |          | $\equiv$ | ı   |       | 114        | 一十              |
| 7         | 15       | =          |          | <del>  -</del> | -            |              | ╁╌             | Н            |               | Н          |  | 65       | $\vdash$ | $\dashv$ | $\dashv$ |          | 寸        | _        | _        | _        | $\neg$   | Ì   |       | 115        | ΠŤ              |
| 17        | 16       | =          | $\vdash$ | -              | -            | $\vdash$     | <del>  -</del> | $\vdash$     |               | Н          |  | 66       | Н        |          | $\dashv$ | $\neg$   | T        | T        | $\neg$   |          | $\neg$   | 1   |       | 116        | $\Box$          |
| 18        | 17       | =          |          | H              |              |              | t              | T            | _             | Н          |  | 67       |          |          | $\neg$   | _        |          | T        | ヿ        |          |          |     |       | 117        | П               |
| 8         | 18       | =          | $\vdash$ |                |              |              | $t^-$          |              |               |            |  | 68       | Ħ        |          | $\neg$   | $\neg$   |          |          | 一        |          |          |     |       | 118        | $\Box$          |
| 19        | 19       | =          |          |                | Т            | 一            | T              | 一            |               | П          |  | 69       | $\Box$   |          | $\Box$   | $\neg$   |          |          |          |          |          |     |       | 119        |                 |
| 20        | 20       | =          | Г        |                |              | Г            | Τ              |              |               | i          |  | 70       | П        |          |          |          |          |          |          |          |          |     |       | 120        |                 |
| 21        | 21       | =          | Г        |                |              |              |                |              |               | П          |  | 71       |          |          |          |          |          |          |          |          |          |     |       | 121        |                 |
| 23        | 22       | =          |          |                |              |              |                |              |               |            |  | 72       |          |          |          |          |          |          |          |          |          |     |       | 122        |                 |
|           | 23       | -          |          |                |              |              |                |              |               |            |  | 73       |          |          |          |          |          | _        | _        |          |          |     |       | 123        | $\sqcup$        |
|           | 24       | -          |          |                | L            |              | <u></u>        | _            |               | Ш          |  | 74       |          |          | _        |          | _        | _        | $\dashv$ |          |          |     |       | 124        | $\sqcup$        |
| 24        | 25       | =          |          |                |              |              |                | <u> </u>     | _             | Ш          |  | 75       | Ш        |          | _        | _        | _        | _        | _        |          | -        |     |       | 125        | <b>  </b> -     |
| 25        | 26       | =          |          | _              | <u> </u>     | _            | <u> </u>       | _            |               | Ш          | <u> </u>                                       | 76       | $\sqcup$ | Н        | _        | _        |          | _        | _        |          |          |     |       | 126        | $\vdash$        |
| 26        | 27       | =          | <u> </u> | _              | <u> </u>     | <u> </u>     | <u> </u>       | ļ            |               | Ш          | <u> </u>                                       | 77       |          |          | _        |          | _        | _        | _        |          |          |     |       | 127        | $\vdash$        |
| 27        | 28       | =          | <u> </u> | _              | <u> </u>     | L.           | _              | ┞            | _             | Н          | <b>-</b>                                       | 78       | 1        | $\dashv$ | _        |          | $\dashv$ |          | $\dashv$ |          | _        |     |       | 128        | $\vdash$        |
| 28        | 29       | =          | <u> </u> | _              | ⊢            | ⊢            | ₩              | ├-           | _             | $\vdash$   | -  | 79       | ₩        | Н        | -        |          | $\dashv$ |          | $\dashv$ |          | -        |     |       | 129<br>130 | $\vdash$        |
| 29        | 30       | =          | <u> </u> | ├-             | ├            | $\vdash$     | ├-             | ├            | <u> </u>      | Н          | <del>                                   </del> | 80       |          |          | -        | $\dashv$ | $\dashv$ | -        |          |          |          |     |       | 131        | $\vdash$        |
| 30        | 31       | =          |          |                | ⊢            | ├            | ┢              | $\vdash$     | -             | Н          | -  | 82       | +-       | $\dashv$ | -        | -1       | $\dashv$ | $\dashv$ | -        | _        | _        |     |       | 132        | $\vdash$        |
| 31<br>32  | 32       | =          | -        |                | ⊢            | ├            | ├              | ┢            |               | Н          |  | 83       | ├        | Н        |          | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | _        | -        |     |       | 133        | $\vdash$        |
| 33        | 34       | =          | ┢        | ┢─             | ⊢            | ⊢            | -              | ┢            | -             | Н          | <del>                                   </del> | 84       | -        | $\vdash$ | 寸        | $\dashv$ |          | $\dashv$ | $\dashv$ |          |          |     |       | 134        | $\vdash$        |
| 34        | 35       | =          | $\vdash$ | ┢              | ╁            | ┢            | ╁              | ┢            | $\vdash$      | Н          | <del>                                   </del> | 85       | $\vdash$ | $\vdash$ | $\dashv$ | -1       | ᅥ        |          | -        |          |          |     |       | 135        |                 |
| 35        | 36       | =          |          |                | ┢            | ┢            | t              | ╁╌           | $\vdash$      | Н          |  | 86       | H        | $\vdash$ | 7        | $\dashv$ | 寸        | $\dashv$ |          |          |          |     |       | 136        | $\Box$          |
| 37        | 37       | =          | $\vdash$ | $\vdash$       | $\vdash$     | $\vdash$     | T              |              | $\vdash$      | $\vdash$   |  | 87       | $\top$   | H        | $\dashv$ | 一        | $\dashv$ |          | $\dashv$ |          | $\neg$   |     |       | 137        |                 |
| 38        | 38       | =          | $\vdash$ | Т              | Н            | Г            | $\vdash$       | $\vdash$     |               | Н          |  | 88       | П        | $\Box$   | ┪        |          | $\neg$   | $\neg$   |          |          |          |     |       | 138        |                 |
| 36        | 39       | =          | Т        | T              |              | 1            | T              |              | $\vdash$      | $  \neg  $ |  | 89       | П        | П        |          | コ        |          |          |          |          |          |     |       | 139        |                 |
| 22        | 40       | =          |          |                |              | 1            | T              |              | $\overline{}$ | П          |  | 90       |          |          |          |          |          |          |          |          |          |     |       | 140        |                 |
|           | 41       | Г          |          | Γ              |              |              | Ī              |              |               |            |  | 91       |          |          |          |          |          |          |          |          |          |     |       | 141        |                 |
|           | 42       |            |          |                |              | L            |                |              |               |            |  | 92       |          |          |          |          |          |          |          |          |          |     |       | 142        | $\Box$          |
|           | 43       |            |          |                |              |              |                |              |               |            |  | 93       |          |          |          |          |          | _        |          |          |          |     |       | 143        | $\sqcup$        |
|           | 44       |            | Ĺ        | L              |              | L            | L              |              |               | Ш          |  | 94       | igspace  | Ш        | _        | _        | ļ        |          |          | _        | Ш        |     |       | 144        | $\sqcup$        |
|           | 45       | _          |          | _              | <u> _</u>    | 丄            | <u> </u>       | 1_           | L             |            |  | 95       | $\sqcup$ | Ш        | _        | _        | _        |          | _        |          | Ш        |     |       | 145        | $\vdash$        |
|           | 46       |            | L        | $oxed{oxed}$   |              | _            | _              | _            | L             | Ш          | <u> </u>                                       | 96       | $\sqcup$ | Ш        |          |          | _        |          |          |          | Щ        |     |       | 146        | $\sqcup$        |
|           | 47       | <u> </u>   |          | L              | <u> </u>     | <u> </u>     | _              | <u> </u>     | <u> </u>      | Ш          | <u> </u>                                       | 97       | $\sqcup$ | $\sqcup$ | _        | _        | _        | _        |          | _        | Щ        |     |       | 147        | $\vdash \vdash$ |
|           | 48       | _          | <u> </u> | <u> </u>       | <u> </u>     | ┞            | ₩              | <u> </u>     | <u> </u>      | Ш          | <b> </b> _                                     | 98       | Щ        | Ш        | 4        | _        | _        | _        | _        | _        | $\vdash$ |     |       | 148        | $\vdash \vdash$ |
|           | 49       | -          | ⊢        | <u> </u>       | $\vdash$     | ↓_           | -              | <del> </del> | <u> </u>      | Ш          | _  | 99       | $\vdash$ | dash     | 4        | $\dashv$ | $\dashv$ |          | $\dashv$ | _        | $\vdash$ |     |       | 149        | $\vdash \vdash$ |
|           | 50       | <u> </u>   | <u></u>  | <u> </u>       | Ц.           | <u> </u>     | 1              | <u></u>      |               | Ш          | L  | 100      | Ш        | Ш        |          | l        |          |          |          | _        | ш        |     |       | 150        | ш               |

| Cla          | Date  |  |                                     |  |  |              |              |          |  |  |  |  |
|--------------|---|--|-------------------------------------|--|--|--------------|--------------|----------|--|--|--|--|
|              |   |  |                                     | ľ  |  |              |              |          |  |  |  |  |
| ਯ            | Original  |  |                                     |  |  |              |              |          |  |  |  |  |
| Final        | ıġi   |  |                                     |  |  |              |              |          |  |  |  |  |
| _            | Ō   |  |                                     |  |  |              |              |          |  |  |  |  |
|              | 101   | -  |                                     | ┢  | -  |              | -            |          | _  | -  |  |  |
|              | 101<br>102  | -  |                                     | -  | Н  | -            | -            | -        | $\vdash$   | H  |  |  |
|              | 102   |  |                                     | H  |  | _            | -            | _        | $\vdash$   | $\vdash$   |  |  |
|              | 103   |  |                                     | <u> </u>   | _  | _            | $\vdash$     | _        | $\vdash$   | H  |  |  |
|              | 104   | _  |                                     |  |  |              | _            | _        | _  | $\vdash$   |  |  |
|              | 105   |  |                                     | _  |  |              | _            | _        | _  | _  |  |  |
|              | 106   |  |                                     | _  |  |              | <u> </u>     |          |  | $\vdash$   |  |  |
|              | 103<br>104<br>105<br>106<br>107<br>108<br>109   |  |                                     |  |  |              | L            |          |  |  |  |  |
|              | 108   |  |                                     |  |  |              |              |          |  | L  |  |  |
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|              | 110   |  |                                     |  |  |              |              |          |  |  |  |  |
|              | 111   |  |                                     |  |  |              |              |          |  |  |  |  |
|              | 111<br>112<br>113   |  |                                     |  |  |              |              |          |  |  |  |  |
|              | 113   |  |                                     | Г  |  |              |              |          |  |  |  |  |
|              | 114   |  |                                     |  | П  |              | <u> </u>     |          |  |  |  |  |
|              | 115   |  | $\vdash$                            | T  |  |              |              |          |  |  |  |  |
|              | 116   | $\vdash$   |                                     | <del>                                     </del> |  |              |              | _        | П  |  |  |  |
| -            | 117   | $\vdash$   | $\vdash$                            | $\vdash$   | _  |              |              |          | $\vdash$   | П  |  |  |
|              | 114<br>115<br>116<br>117<br>118<br>119<br>120<br>121<br>122<br>123<br>124<br>125<br>126<br>127<br>128<br>129<br>130 | <del></del>                                      | $\vdash$                            | $\vdash$   |  |              |              | Ι        | Н  | Ι-   |  |  |
|              | 110   | $\vdash$   | $\vdash$                            | ┝  | -  |              |              | _        | Н  |  |  |  |
|              | 120   | _  | -                                   | ⊢  | H  |              | $\vdash$     |          | $\vdash$   | $\vdash$   |  |  |
|              | 120   | H  | ┝                                   | ⊢  | ·  | -            | $\vdash$     | _        | -  | ├  |  |  |
|              | 121   | -  | <u> </u>                            | <del> </del>                                     | -  | -            | ├            | _        | ⊢  | -  |  |  |
|              | 122   | <u> </u>   | ┝                                   | ⊢  | _  | -            | <del> </del> | _        | ├  | <u> </u>   |  |  |
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|              | 134   | Г  | Г                                   |  | Г  | Т            | Г            | Г        |  | Г  |  |  |
| Ι            | 135   | _  |                                     | $\vdash$   | Г  | Т            | Т            |          | _  | <u> </u>   |  |  |
|              | 136   | $\vdash$   | $\vdash$                            | $\vdash$   | 一  | $\vdash$     | _            | $\vdash$ | T  | $\vdash$   |  |  |
| -            | 136<br>137  | <del>                                     </del> | Ι-                                  | $\vdash$   | $\vdash$   | $\vdash$     | $\vdash$     | -        | <del>                                     </del> | 一  |  |  |
|              | 138   | -  | $\vdash$                            | ╁  | <del>                                     </del> |              | $\vdash$     | -        | ┢╌   | $\vdash$   |  |  |
| -            | 130   | $\vdash$   | ┢                                   | $\vdash$   | $\vdash$   | $\vdash$     | $\vdash$     | $\vdash$ | -  | _  |  |  |
| <del>-</del> | 139<br>140  | $\vdash$   | ├─                                  | $\vdash$   | $\vdash$   | -            | ├            | -        | -  | $\vdash$   |  |  |
| <b></b>      |   | -  | $\vdash$                            | $\vdash$   | $\vdash$   | $\vdash$     | $\vdash$     | $\vdash$ | -  | -  |  |  |
|              | 141   | -  | $\vdash$                            | $\vdash$   | $\vdash$   | $\vdash$     | $\vdash$     | -        | $\vdash$   | <del>                                     </del> |  |  |
|              | 142   | <del> </del>                                     | <u> </u>                            | ₩  | $\vdash$   | -            | $\vdash$     | $\vdash$ | ⊢-   | <del> </del>                                     |  |  |
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|              | 148   |  |                                     | $\Box$   | $\Box$   |              |              | L        |  | L  |  |  |
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